

Practitioner's Docket No. MWH-0002US2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Chew et al.

for Drug Target Isogenes: Polymorphisms in the Interleukin-4 Receptor Alpha Gene

Assistant Commissioner for Patents
Washington, D.C. 20231

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Date:

9 - November - 2001

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	11-09-2001
First Named Inventor	Anne Chew
Group Art Unit	1646
Examiner Name	Prema Mertz
Attorney Docket Number	MWH-0002US2

Sheet 1 of 1

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	
		Filing Date	11-09-2001
		First Named Inventor	Anne Chew
		Group Art Unit	1646
		Examiner Name	Prema Mertz
		Attorney Docket Number	MWH-0002US2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BA	PRITCHARD MA ET AL., "The Interleukin-4 Receptor gene (IL4R) maps to 16p11.2-16p12.1 in human and to the distal region of mouse chromosome 7," Genomics, Vol. 10 (No. 3), p. 801-806, (July 1991).
	BB	DEICHMANN K. ET AL., "Common Polymorphisms in the Coding Part of the IL4-Receptor Gene," Biochem Biophys Res Comm, Academic Press, Vol. 231 (No. 3), p. 696-697, (February 24, 1997).
	BC	KURANA HERSHEY GK ET AL., "The Associations of atopy with a gain-of-function mutation in the alpha subunit of the interleukin-4 receptor," New Eng. J. Med, Vol. 337 (No. 24), p. 1720-25, (December 11, 1997).
	BD	IMANI F ET AL., "Interleukin-4 (IL-4) Induces Phosphatidylinositol 3-kinase (p85) Dephosphorylation. Implications for the role of SHP1-1 in the IL-4-induced signals in human B cells," J. Biol. Chem., Vol. 272 (no. 12) p. 7927-7931, (March 21, 1997).
	BE	MITSUYASU H. ET AL., "Ile50Val variant of IL4Ralpha upregulates IgE synthesis and associates with atopic asthma," Nat Genet, Vol. 19 (No. 2), p. 119-120, (June 1998).
	BF	BUETOW KH ET AL., "Reliable identification of large numbers of candidate SNPs from public EST data," Nat Genet, Vol. 21 (No. 3), p. 323-325, (March 1999).
	BG	KANEMITSU S. ET AL., " Association of Interleukin-4 receptor and Interleukin-4 promoter gene polymorphisms with systemic lupus erythematosus," Arthritis Rheum, American College of Rheumatology, Vol. 42 (No. 6), p. 1298-1300, (June 1999).
	BH	KRUSE S. ET AL., "The Polymorphisms S503P and Q576R in the interleukin-4 receptor alpha gene are associated with atopy and influence the signal transduction," Immunology, Blackwell Science Ltd, Vol. 96 (No. 3), p. 365-71, (March 1999).

Examiner Signature		Date Considered	
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